

US EPA ARCHIVE DOCUMENT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: June 16, 1980

SUBJECT: EPA Registration Number: 3125-325
Sencor Sprayule: Caswell # 33 P

001149

FROM: Deloris Graham *DJH 7/15/80*
FHB/TSS *E 7/18/80*

TO: Robert Taylor
Product Manager (25)

Applicant: Mobay Chemical Corporation
Agricultural Chemicals Division
1140 Connecticut Avenue, Suite 604
Washington, D. C. 20036

Active Ingredients:

4-Amino-6-(1,1-dimethylethyl)-3-(methylthio) 75%
-1,2,4-triazin-5(4H)-one 25%
Inert Ingredients 25%

Background : In support of changes in precautionary statements, two eye studies were submitted. These studies were conducted by Stanley Research Center of Mobay Chemical Corporation, Stillwell, Kansas. Method of support was not submitted.

Recommendation:

- 1.) As determined by the Eye Irritation studies submitted the appropriate signal word is CAUTION.
- 2.) FHB/TSS has no objections to the change in precautionary statement based on data submitted provided that the following labeling revisions are made.

Label:

- 1.) The signal word CAUTION must appear on the center front panel below the statement "Keep out of reach of children."
- 2.) All labeling revisions must be made to product bulletin as well as label.
- 3.) The statement of practical treatment should be revised as follows:

134

If in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

If swallowed, give one or two glasses of water and induce vomiting by sticking finger in back of throat. Never give anything by mouth to an unconscious person. Get medical attention.

If on skin, wash thoroughly with soap and warm water.

- 4.) Delete the statement "Obtain prompt medical aid if poisoning should occur." This statement is made sufficiently clear in the "Statement of Practical Treatment" section.
- 5.) The Note to Physician must be moved to the "Statement of Practical Treatment" section.
- 6.) Revise the Environmental Hazards to the following:

"Do not apply directly to lakes, streams, ponds or public waters. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not allow sprays to drift onto adjacent desirable plants."
- 7.) The statement "Do not use on other crops grown for food or storage" must be placed under the "Direction for Use" section as a general restriction.
- 8.) The statement "Observe all cautions and limitations on labeling of all products used in mixtures" must be placed under "Directions for Use."

Review:

- 1.) Eye Irritation Study: Stanley Research Center, Stillwell, Kansas. February 22, 1980. Report No. 68534.

Procedure: 9 New Zealand white rabbits received a 100 mg dose of the test material in the left eye. The treated eyes of 3 rabbits were washed 45 seconds after the test material was administered. Observations were made on days 1, 2, 3, 4 and 7.

Results: No corneal opacity or iris irritation present. At day 1, erythema present in 6/6 animals of the unwashed

001149

-3-

group and 1/3 animals of the washed group; discharge present in 4/6 animals of the unwashed group. By day 4 no irritation present in either group.

Study Classification: Core Guideline Data.

Toxicity Category: III - CAUTION

- 2.) Eye Irritation Study: Stanley Research Center, Stillwell, Kansas; February 22, 1980; Report No. 68535.

Procedure: 9 New Zealand white rabbits received a 100 mg dose of the test material in the left eye. The treated eyes of three rabbits were washed 45 seconds after the test material was administered. Observations were made on days 1, 2, 3, 4 and 7.

Results: No corneal opacity or iris irritation present during the 7 day observation period. At day 1, erythema was present in 6/6 animals of the unwashed group and discharge present in 4/6 of the unwashed group. All irritation had cleared by day 4.

Study Classification: Core Guideline Data.

Toxicity Category: III - CAUTION.

3

METRIBUZIN TOXICOLOGY REVIEW

Page 4 of the review contains a draft label. This page is not included with this copy.